

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN JANUARY 2005

On a daily average basis in January 2005, estimated consumption of iron and steel scrap was up 2% and net receipts of purchased and home scrap were up 43% compared with those of December 2004, according to the U.S. Geological Survey. Production of home scrap was down 2% and stocks of purchased and home scrap at the end of the month were down 5% compared with those of December 2004. These observations are based upon responses from 58% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 49% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was down 2% and consumption was down 2% compared with those of December 2004. Stocks of pig iron at month's end were down 1% compared with those of December 2004.

Exports of iron and steel scrap for the month of December 2004 decreased 27% from those of November 2004. The Republic of Korea was the leading country of destination, accounting for 25% of the total tonnage of exports, followed by China with 22% and Mexico with 13% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports, accounting for 27% of the total, followed by San

Francisco, CA, with 17% and New York, NY, with 7% (table 7).

Imports of iron and steel scrap for December 2004 decreased 8% compared with those of November 2004. Canada was the leading country of origin, accounting for 57% of the total tonnage of imports, followed by Russia with 16% and Sweden with 13% (table 9). Charleston, SC, was the leading Customs district for tonnage of imports, accounting for 30% of the total, followed by Detroit, MI, with 24% and Buffalo, NY, with 12% (table 10).

The daily average domestic raw steel production for January 2005, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 267,000 metric tons (t), up 2% from 262,000 in December 2004 and up 5% from 253,000 t in January 2004 (table 12). The electric furnace portion of raw steel production for January 2005 was 53%, about the same as in December 2004 and up from 50% in January 2004.

Raw steel capability utilization (AISI data) in January 2005 was 91%, down from 92% in December 2004 and up from 88% in January 2004 (table 12). Continuous cast steel production in the United States accounted for 97% of total raw steel production in January 2005, about the same as in December 2004 and January 2004.

TABLE 1
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

	January 2005			Year to date ^p		
	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,060	2,200	3,260	1,060	2,200	3,260
Receipts from other own company plants	W	W	197	W	W	197
Production recirculating scrap	556	324	880	556	324	880
Production obsolete scrap	9	27	36	9	27	36
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,060	W	W	1,060
Electric furnace	W	W	3,430	W	W	3,430
Other (including air furnace) ⁶	(5)	--	(5)	(5)	--	(5)
Total consumption	1,660	2,820	4,480	1,660	2,820	4,480
Shipments	104	6	110	104	6	110
Stocks end of month	2,430	2,170	4,600	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	447	103	550	447	103	550
Production	W	W	2,680	W	W	2,680
Consumption (by type of furnace):						
Basic oxygen process	W	W	3,160	W	W	2,680
Direct castings ⁷	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,040	119	3,160	3,040	119	3,160
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	651	XX	XX	XX
Direct-reduced iron:⁹						
Receipts	126	56	182	126	56	182
Production	W	W	W	--	--	--
Total consumption	130	21	151	130	21	151
Shipments	--	--	--	--	--	--
Stocks end of month	117	66	183	XX	XX	XX

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings. January 2005 data are based on returns from 58% of monthly respondents, representing 49% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Includes data for electric furnaces operated by integrated steel producers.

⁴Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁵Withheld to avoid disclosing company proprietary data; included in "Consumption: Basic oxygen process."

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Withheld to avoid disclosing company proprietary data.

⁹Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Item	January 2005				Year to date ^p		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³
Carbon steel:							
Low-phosphorus plate and punchings	26	W	53	137	26	W	53
Cut structural and plate	340	46	398	309	340	46	398
No. 1 heavy melting steel	325	165	507	540	325	165	507
No. 2 heavy melting steel	411	31	504	437	411	31	504
No. 1 and electric furnace bundles	346	W	476	318	346	W	476
No. 2 and all other bundles	65	W	70	47	65	W	70
Electric furnace 1 foot and under (not bundles)	5	W	W	W	5	W	W
Railroad rails	21	W	29	16	21	W	29
Turnings and borings	143	5	171	101	143	5	171
Slag scrap	58	121	160	136	58	121	160
Shredded and fragmentized	691	W	925	683	691	W	925
No. 1 busheling	395	14	425	387	395	14	425
Steel cans (post consumer)	21	W	26	W	21	W	26
All other carbon steel scrap	130	137	281	280	130	137	281
Stainless steel scrap	63	18	92	29	63	18	92
Alloy steel scrap	11	43	49	32	11	43	49
Ingot mold and stool scrap	W	7	5	16	W	7	5
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	18	W	18	30	18	W	18
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	48	35	95	W	48	35	95
Other mixed scrap	143	35	194	657	143	35	194
Total	3,260	880	4,480	4,600	3,260	880	4,480

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³Includes recirculating scrap and home-generated obsolete scrap.

TABLE 3
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,
 BY REGION AND STATE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Region and State	January 2005			Year to date ^p		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	387	170	598	387	170	598
North Central:						
Illinois and Indiana	323	287	585	323	287	585
Iowa, Minnesota, Nebraska, Wisconsin	242	5	240	242	5	240
Michigan	149	60	139	149	60	139
Ohio	442	128	627	442	128	627
Total	1,160	480	1,590	1,160	480	1,590
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	177	55	277	177	55	277
Florida, Georgia, North Carolina, South Carolina	260	12	330	260	12	330
Total	437	67	607	437	67	607
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	459	48	528	459	48	528
Arkansas, Louisiana, Oklahoma, Texas	532	60	810	532	60	810
Total	991	109	1,340	991	109	1,340
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	288	54	348	288	54	348
Grand total	3,260	880	4,480	3,260	880	4,480

^pPreliminary.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4
RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3,4}

(Thousand metric tons)

Item	January 2005					Year to date ^p				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	4	W	6	1	14	4	W	6	1
Cut structural and plate	42	113	86	72	26	42	113	86	72	26
No. 1 heavy melting steel	39	95	36	150	5	39	95	36	150	5
No. 2 heavy melting steel	8	147	56	153	47	8	147	56	153	47
No. 1 and electric furnace bundles	34	241	15	53	3	34	241	15	53	3
No. 2 and all other bundles	8	27	8	18	5	8	27	8	18	5
Electric furnace 1 foot and under (not bundles)	--	(5)	--	5	--	--	(5)	--	5	--
Railroad rails	W	W	--	12	W	W	W	--	12	W
Turnings and borings	25	40	20	51	6	25	40	20	51	6
Slag scrap	18	15	8	16	W	18	15	8	16	W
Shredded and fragmentized	45	161	155	260	70	45	161	155	260	70
No. 1 busheling	45	168	17	164	2	45	168	17	164	2
Steel cans (post consumer)	3	W	W	W	W	3	W	W	W	W
All other carbon steel scrap	41	70	2	16	W	41	70	2	16	W
Stainless steel scrap	49	13	--	--	--	49	13	--	(5)	--
Alloy steel scrap	7	W	--	W	--	7	W	--	W	--
Ingot mold and stool scrap	--	--	--	--	--	(5)	--	--	--	--
Machinery and cupola cast iron	(5)	--	(5)	W	--	--	--	(5)	W	--
Cast iron borings	W	W	W	6	--	W	W	W	6	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	16	W	1	W	W	16	W	1	W
Other mixed scrap	W	W	4	8	W	W	W	4	8	W
Total	387	1,160	437	991	288	387	1,160	437	991	288

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Scrap received from brokers, dealers, and other outside sources.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Data are rounded to no more than three significant digits; may not add to totals shown.

⁵Less than 1/2 unit.

TABLE 5
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3}

(Thousand metric tons)

Item	January 2005					Year to date ^p				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	33	W	W	--	14	33	W	W	--
Cut structural and plate	66	115	111	81	24	66	115	111	81	24
No. 1 heavy melting steel	82	153	44	198	30	82	153	44	198	30
No. 2 heavy melting steel	14	185	67	189	48	14	185	67	189	48
No. 1 and electric furnace bundles	36	347	16	73	4	36	347	16	73	4
No. 2 and all other bundles	9	30	7	19	5	9	30	7	19	5
Electric furnace 1 foot and under (not bundles)	--	5	--	2	--	--	5	--	2	--
Railroad rails	W	W	--	17	W	5	W	--	17	W
Turnings and borings	31	55	21	59	5	31	55	21	59	5
Slag scrap	30	65	18	46	W	30	65	18	46	W
Shredded and fragmentized	79	163	221	385	77	79	163	221	385	77
No. 1 busheling	50	167	17	188	3	50	167	17	188	3
Steel cans (post consumer)	5	W	W	W	W	5	W	W	W	W
All other carbon steel scrap	70	120	39	51	W	70	120	39	51	W
Stainless steel scrap	69	22	--	(4)	--	69	22	--	(4)	--
Alloy steel scrap	15	31	--	W	--	15	31	--	W	--
Ingot mold and stool scrap	3	1	--	(4)	--	3	1	--	(4)	--
Machinery and cupola cast iron	--	--	(4)	W	--	(4)	--	--	W	--
Cast iron borings	W	W	W	5	--	W	W	W	5	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	40	W	3	W	W	40	W	3	W
Other mixed scrap	W	30	6	10	W	W	30	6	10	W
Total	598	1,590	607	1,340	348	598	1,590	607	1,340	348

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Less than 1/2 unit.

TABLE 6
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Region and country	December 2004		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Bahamas, The	(3)	43	2	387
Belize	(3)	77	(3)	472
Brazil	(3)	25	2	757
Canada	107	18,300	2,170	236,000
Colombia	1	87	4	463
Dominican Republic	(3)	16	2	1,370
Ecuador	(3)	20	(3)	110
Guatemala	(3)	15	30	5,660
Jamaica	(3)	22	(3)	99
Mexico	112	21,600	1,510	305,000
Panama	1	78	3	789
Peru	25	5,620	186	39,500
Saint Lucia	(3)	11	(3)	11
Suriname	(3)	12	(3)	151
Venezuela	(3)	53	4	694
Other	1	12	13	1,630
Total	246	46,000	3,920	593,000
Africa, Europe, Middle East:				
Andorra	(3)	16	(3)	16
Belgium	(3)	98	23	3,020
Finland	6	9,080	72	99,800
France	(3)	171	1	1,050
Germany	(3)	158	17	7,620
Ireland	1	361	1	565
Italy	(3)	19	150	40,400
Kenya	6	1,940	59	24,700
Netherlands	1	824	15	16,100
Portugal	3	717	25	4,750
Spain	5	7,190	10	13,200
Sweden	(3)	194	1	2,280
Turkey	35	7,770	631	136,000
United Arab Emirates	(3)	8	5	1,440
United Kingdom	(3)	639	24	8,240
Other	1	18	83	19,600
Total	59	29,200	1,120	379,000
Asia, Australia, Oceania:				
Bangladesh	(3)	81	6	1,150
China	186	80,400	2,970	923,000
Hong Kong	4	3,470	72	41,400
India	40	14,800	295	90,800
Indonesia	8	2,130	41	11,700
Japan	1	1,660	93	41,100
Korea, Republic of	212	44,700	1,880	490,000
Malaysia	41	11,400	399	80,700
Pakistan	(3)	94	4	770
Singapore	(3)	52	15	4,610
Taiwan	10	6,500	191	93,700
Thailand	34	8,400	751	150,000
Vietnam	(3)	156	13	3,830
Other	1	10	2	494
Total	538	174,000	6,730	1,930,000
Grand total	843	249,000	11,800	2,910,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION
AND SELECTED CUSTOMS DISTRICT^{1,2,3}

(Thousand metric tons and thousand dollars)

Region and customs district	December 2004		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	8	2,360	111	29,700
Chicago, IL	(4)	242	9	4,510
Detroit, MI	24	5,300	329	61,000
Duluth, MN	3	1,030	44	8,650
Great Falls, MT	3	533	23	3,280
Ogdensburg, NY	5	1,060	63	12,600
Pembina, ND	33	6,370	510	78,800
Other ⁵	1	18	1	731
Total	77	16,900	1,090	199,000
East Coast:				
Baltimore, MD	1	830	18	9,430
Boston, MA	42	10,100	794	176,000
Charleston, SC	4	2,650	83	22,200
Miami, FL	5	2,540	46	18,900
New York, NY	62	25,000	1,730	480,000
Norfolk, VA	6	4,150	137	41,500
Philadelphia, PA	22	5,740	418	91,600
Portland, ME	(4)	251	288	61,000
Providence, RI	--	--	252	48,800
Savannah, GA	6	3,910	66	36,400
St. Albans, VT	3	509	51	9,840
Wilmington, NC	4	842	24	6,380
Other ⁵	29	2,390	1,040	38,700
Total	184	58,900	4,950	1,040,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	1	127	3	691
Houston-Galveston, TX	14	4,580	127	83,600
Laredo, TX	27	6,900	417	88,700
Mobile, AL	(4)	77	4	4,320
New Orleans, LA	6	9,110	69	97,800
San Juan, PR	4	898	80	15,300
Tampa, FL	32	8,030	321	65,400
Other	(4)	25	30	3,900
Total	84	29,800	1,050	360,000
West Coast and Hawaii:				
Columbia-Snake, OR	37	9,710	403	98,200
Honolulu, HI and Anchorage, AK	1	633	126	29,500
Los Angeles, CA	226	69,000	2,100	653,000
San Diego, CA	44	4,520	200	27,200
San Francisco, CA	143	40,000	1,220	306,000
Seattle, WA	48	19,500	632	192,000
Total	498	143,000	4,680	1,310,000
Grand total	843	249,000	11,800	2,910,000

-- Zero.

¹Re-export activity for December 2004 amounted to 6,280 metric tons valued at \$10,700,000.

²Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

³Data are rounded to no more than three significant digits; may not add to totals shown.

⁴Less than 1/2 unit.

⁵Includes Code 70, which is for low-valued exports from the United States to Canada.

Source: U.S. Census Bureau.

TABLE 8
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	December 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	116	27,400	1,970	406,000
No. 2 heavy melting steel	26	5,860	406	79,900
No. 1 bundles	48	5,320	301	38,100
No. 2 bundles	5	1,050	45	7,790
Shredded steel scrap	289	72,900	3,710	778,000
Borings, shovelings and turnings	20	2,130	207	20,000
Cut plate and structural	29	6,460	547	115,000
Tinned iron or steel	4	1,450	82	19,200
Remelting scrap ingots	(3)	373	7	6,270
Cast iron	93	11,900	1,030	201,000
Other iron and steel	101	31,300	1,260	300,000
Total carbon steel and cast iron	731	166,000	9,560	1,970,000
Stainless steel	40	48,800	478	548,000
Other alloy steel	72	33,800	1,740	387,000
Total stainless and alloy steel	112	82,700	2,210	934,000
Total carbon, stainless, alloy steel and cast iron	843	249,000	11,800	2,910,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	13	16	2,680
Used rails for rerolling and other uses	7	3,110	42	18,100
Total scrap exports	851	252,000	11,800	2,930,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	1	150	12	2,930
Pig iron > 0.5% phosphorus	11	943	31	2,700
Alloy pig iron	(3)	49	5	1,060
Total pig iron	12	1,140	48	6,690
Direct-reduced iron (DRI)	(3)	6	13	1,360
Spongy iron products, not DRI	(3)	57	3	2,340
Granules for abrasive cleaning and other uses	2	1,690	27	20,600
Powders of alloy steel	1	1,310	12	16,200
Other ferrous powders	4	5,790	55	74,200
Total DRI, granules, powders	7	8,850	110	115,000
Grand total	870	262,000	12,000	3,050,000

¹Export valuation is on a free alongside ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Country	December 2004		Year to date	
	Quantity	Value	Quantity	Value
Argentina	--	--	(3)	681
Aruba	2	519	7	1,610
Bahamas, The	(3)	32	5	275
Brazil	--	--	5	1,540
Belgium	(3)	14	3	14,700
Canada	210	55,700	2,550	591,000
China	(3)	17	2	1,100
Colombia	(3)	129	1	1,160
Denmark	--	--	138	31,600
Dominican Republic	(3)	23	76	16,400
Ecuador	--	--	1	712
Egypt	(3)	197	1	1,070
Finland	(3)	2	2	5,250
Germany	1	55	7	1,130
Guatemala	(3)	58	(3)	434
Honduras	(3)	16	(3)	132
Japan	(3)	121	2	807
Mexico	8	3,430	126	57,700
Netherlands	(3)	3	247	79,100
Netherlands Antilles	--	--	17	1,630
Panama	(3)	22	(3)	261
Russia	60	22,200	86	30,700
South Africa	--	--	3	2,070
Spain	--	--	(3)	11
Suriname	--	--	3	445
Sweden	49	16,800	313	76,300
Taiwan	30	330	30	419
Trinidad and Tobago	8	1570	10	2630
United Arab Emirates	(3)	16	(3)	16
United Kingdom	--	--	1,020	300,000
Venezuela	(3)	102	9	8,360
Other	1	22	3	1,220
Total	369	101,000	4,660	1,230,000

-- Zero.

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 10
 U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
 BY SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Customs district	December 2004		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	45	17,500	454	179,000
Charleston, SC	110	39,100	1,110	309,000
Detroit, MI	87	22,200	1,220	272,000
Duluth, MN	4	1,000	26	6,920
Galveston, TX	9	2,090	27	18,500
Laredo, TX	3	1,830	34	27,400
Pembina, ND	10	2,740	78	23,300
Savannah, GA	30	330	30	414
Seattle, WA	41	5,730	514	62,200
Wilmington, NC	21	5,490	21	5,500
Other	11	3,460	1,150	327,000
Total	369	101,000	4,660	1,230,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 11
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER
FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	December 2004		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	6	625	118	20,300
No. 2 heavy melting steel	2	326	27	3,880
No. 1 bundles	91	34,200	910	251,000
No. 2 bundles	(3)	7	1	105
Shredded steel scrap	99	24,900	1,340	299,000
Borings, shovelings and turnings	5	510	58	5,680
Cut plate and structural	7	868	125	19,600
Tinned iron or steel	1	91	10	2,020
Remelting scrap ingots	30	408	31	1,230
Cast iron	20	4,440	338	63,300
Other iron and steel	70	17,400	1,270	327,000
Total carbon steel and cast iron	332	83,800	4,220	993,000
Stainless steel	18	11,400	146	160,000
Other alloy steel	19	6,200	291	77,500
Total stainless and alloy steel	37	17,600	437	238,000
Total carbon, stainless, alloy steel and cast iron	369	101,000	4,660	1,230,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	15	4,800	131	44,100
Total scrap imports	385	106,000	4,790	1,280,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	467	126,000	6,270	1,330,000
Pig iron > 0.5% phosphorus	--	--	124	29,200
Alloy pig iron	--	--	--	--
Total pig iron	467	126,000	6,400	1,360,000
Direct-reduced iron (DRI)	159	36,100	2,450	463,000
Spongy iron products, not DRI	108	34,500	241	78,000
Granules for abrasive cleaning and other uses	1	972	16	9,520
Powders of alloy steel	6	6,670	60	59,100
Other ferrous powders	5	5,460	83	69,700
Total DRI, granules, powders	280	83,800	2,850	679,000
Grand total	1,130	316,000	14,000	3,310,000

-- Zero.

¹Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 12
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
AND CONTINUOUS CAST STEEL PRODUCTION¹

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date ²	Monthly	Year to date	Monthly	Year to date
2004:						
January	7,850	7,850	88.0	88.0	96.9	96.9
February	7,620	15,400	90.9	88.9	97.0	97.0
March	8,410	23,800	93.7	90.4	96.9	96.9
April	8,080	31,900	93.9	91.1	96.9	96.9
May	8,310	40,200	92.9	91.5	97.7	97.1
June	8,170	48,300	94.4	91.9	96.8	97.0
July	8,310	57,100	93.5	92.7	97.4	97.1
August	8,450	65,600	95.0	93.0	94.4	96.3
September	8,380	74,000	97.3	93.5	97.3	97.1
October	8,660	82,600	97.5	93.9	95.9	96.0
November	8,160	90,700	94.8	93.9	97.2	97.2
December	8,130	98,900	91.5	93.8	96.7	97.1
2005:						
January	8,280	8,280	90.9	90.9	96.6	96.6

¹Data are rounded to no more than three significant digits.

²Year-to-date may include revisions for previous months.

Source: American Iron and Steel Institute.

TABLE 13
COMPOSITE PRICES FOR NO. 1 HEAVY MELTING STEEL SCRAP AND PIG IRON

Period	American Metal Market No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2004:						
January	177.47	174.67	179.84	176.99	240.78	236.98
February	224.09	220.55	222.50	218.99	240.78	236.98
March	250.05	246.10	238.13	234.37	NA	NA
April	208.76	205.46	201.33	198.15	NA	NA
May	170.55	167.86	161.25	158.70	NA	NA
June	165.00	162.39	160.33	157.80	NA	NA
July	215.30	211.90	214.96	211.56	NA	NA
August	240.38	236.58	225.96	222.40	NA	NA
September	205.17	201.93	198.78	195.64	NA	NA
October	237.37	233.62	235.83	232.11	NA	NA
November	251.67	247.70	250.67	246.71	NA	NA
December	218.38	214.93	209.39	206.08	NA	NA
Average	213.68	210.31	208.25	204.96	NA	NA
2005:						
January	205.02	201.78	197.67	194.54	NA	NA

NA Not available.

Note: Long tons = lt; metric tons = t.